#5

SEQUENCE LISTING

<110> Brenner, Sydney

<120> Polymorphic DNA Fragments and Uses Thereof

<130> 55525-8055.US00

<140> US 09/934,020
<141> 2001-08-21

<150> US 60/227,058
<151> 2000-08-21

<160> 29

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary tag library

<221> misc_feature
<222> (1)...(73)
<223> n = A,T,C or G

<400> 1
agaattcggg ccttaattaa ddddddddnd ddddddddnd ddddddddnd ddgggcccgc 60
ataagtcttc nnn 73

<210> 2
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 2
ggtacagaca tggaggtgca gactaaaa 28

<210> 3
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 3
tagtactcgt aatcagtgct tcaatgta 28

<210> 4
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 4
gtctccacgt cttattctgt 20

<210> 5
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 5
ggtacagaca tggaggtgca gactaaaa 28

<210> 6
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 6
tagtactcgt aatcagtgct tcaatgta 28

<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 7
acactcttcg tctccacgtc ttat 24

<210> 8
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(4)
<223> phosphorothioate nucleotide

<400> 8
tagtactcgt aatcagtgct tcaatgta 28

<210> 9
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> adaptor

<400> 9
tttagaagca gactgtaaga ccgt 24

<210> 10
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(4)
<223> phosphorothioate nucletide

<400> 10
tagtactcgt aatcagtgct tcaatgta 28

<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(4)
<223> phosphorothioate nucletide

<400> 11
acactcttcg tctccacgtc ttat 24

<210> 12
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 12
tttagaagca gactgtaaga ccgtga 26

<210> 13
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 13
aattctagac tgcagttgat atcttaagct t 31

<210> 14
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 14
aattctgcag aggagatgaa gacgaaaaga aaggggccca tgctgca 47

<210> 15
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 15
gaggagatga agacgadddd ddddddddd ddddddddd ddddddddd ddddddddd 60
ddddddddd ddddddddd g 81

<210> 16
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 16
cgagaaagag ggataaggct cgagcttaat taagagtcga cgaattcggg cccggatcct 60
gactctttct ccct 74

<210> 17
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 17
ctagagggag aaagagtcag gatccgggcc cgaattcgtc gactcttaat taagctcgag 60
ccttatccct ctttctcggt ac 82

<210> 18
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 18
tcgaggcata agtcttcgaa ttccatcaca ctgggaagac aacgtag 47

<210> 19
<211> 47

<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 19
gatcctacgt tgtcttccca gtgtgatgga attcgaagac ttatgcc 47

<210> 20
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 20
tcgattaatt aacaagcttt gggccctcga gcataagtct tctgcagaat tcggatccat 60
cgatggtcat agc 73

<210> 21
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 21
tgtttcctgc cacacaacat acgagccgga agcggccgct ctaga 45

<210> 22
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 22
agcgtctaga gcggccgctt ccggctcgta tgttgtgtgg caggaaacag ctatgaccat 60
c 61

<210> 23
<211> 57
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 23
gatggatccg aattctgcag aagacttatg ctcgagggcc caaagcttgt taattaa 57

<210> 24
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 24
tcgagggccc gcataagtct tc 22

<210> 25
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> synthesized oligonucleotide

<400> 25
tcgagaagac ttatgcgggc cc 22

<210> 26
<211> 217
<212> DNA
<213> Artificial Sequence

<220>
<223> fragment assembled from synthetic oligonucleotides

<400> 26
aattctgtaa aacgacggcc agtcgccagg gttttcccag tcacgacgtg aataaatagt 60
taattaagga ataggcctct cctcgagctc ggtaccgggc ccgcataagt cttcatctat 120
cgatgattga agagcgatat cgctcttcaa tcggatccat cctcaactaa ttaccacaca 180
acatacgagc cggaagcggg tcatagctgt ttcctga 217

<210> 27
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> 3' end of exemplary tag sequence

<221> misc_feature
<222> (1)...(16)
<223> n = A,T,C or G

<400> 27
nnnggatccg agtgat 16

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 28
agaattcggg ccttaattaa 20

<210> 29
<211> 18
<212> DNA

<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(18)
<223> n = A,T,C or G

<400> 29
nnnnncctag gctcacta 18